

Sample Space for Flipping Numbers of Coins

Outcomes	6 Coins	5 Coins	4 Coins	3 Coins	2 Coins	1 Coins
1	H	H	H	H	H	H
2	H	H	H	H	H	T
3	H	H	H	H	T	H
4	H	H	H	H	T	T
5	H	H	H	T	H	H
6	H	H	H	T	H	T
7	H	H	H	T	T	H
8	H	H	H	T	T	T
9	H	H	T	H	H	H
10	H	H	T	H	H	T
11	H	H	T	H	T	H
12	H	H	T	H	T	T
13	H	H	T	T	H	H
14	H	H	T	T	H	T
15	H	H	T	T	T	H
16	H	H	T	T	T	T
17	H	T	H	H	H	H
18	H	T	H	H	H	T
19	H	T	H	H	T	H
20	H	T	H	H	T	T
21	H	T	H	T	H	H
22	H	T	H	T	H	T
23	H	T	H	T	T	H
24	H	T	H	T	T	T
25	H	T	T	H	H	H
26	H	T	T	H	H	T
27	H	T	T	H	T	H
28	H	T	T	H	T	T
29	H	T	T	T	H	H
30	H	T	T	T	H	T
31	H	T	T	T	T	H
32	H	T	T	T	T	T
33	T	H	H	H	H	H
34	T	H	H	H	H	T
35	T	H	H	H	T	H
36	T	H	H	H	T	T
37	T	H	H	T	H	H
38	T	H	H	T	H	T
39	T	H	H	T	T	H
40	T	H	H	T	T	T
41	T	H	T	H	H	H
42	T	H	T	H	H	T
43	T	H	T	H	T	H
44	T	H	T	H	T	T
45	T	H	T	T	H	H
46	T	H	T	T	H	T
47	T	H	T	T	T	H
48	T	H	T	T	T	T
49	T	T	H	H	H	H
50	T	T	H	H	H	T
51	T	T	H	H	T	H
52	T	T	H	H	T	T
53	T	T	H	T	H	H
54	T	T	H	T	H	T
55	T	T	H	T	T	H
56	T	T	H	T	T	T
57	T	T	T	H	H	H
58	T	T	T	H	H	T
59	T	T	T	H	T	H
60	T	T	T	H	T	T
61	T	T	T	T	H	H
62	T	T	T	T	H	T
63	T	T	T	T	T	H
64	T	T	T	T	T	T